

CLAIMS

What is Claimed:

- 1 1. A network addressable device in a communications network for use
2 with a printer object, the network addressable device comprising:
3 (a) a document storage assembly; and
4 (b) a universal remote interface assembly linked to the document
5 storage assembly and the printer object.

- 1 2. The network addressable device according to claim 1 wherein the
2 universal remote interface assembly receives a document command for
3 accessing the document storage assembly and transmitting a print job
4 command to the printer object.

- 1 3. The network addressable device according to claim 1 wherein the
2 universal remote interface assembly provides remote access and
3 printing of documents on the printer object.

- 1 4. The network addressable device according to claim 1 wherein the
2 universal remote interface assembly includes:
3 (a) a request interface.

- 1 5. The network addressable device according to claim 4 wherein the
2 request interface comprises a Simple Mail Transfer Protocol server.

- 1 6. The network addressable device according to claim 4 wherein the
2 request interface receives a document command from a remote
3 communications device.

- 1 7. The network addressable device according to claim 1 wherein the
2 universal remote interface assembly includes:
3 (a) a document provider.

- 1 8. The network addressable device according to claim 7 wherein the
2 document provider renders a document.
- 1 9. The network addressable device according to claim 7 wherein the
2 document provider transmits the document from the network
3 addressable device to the printer object.
- 1 10. The network addressable device according to claim 4 wherein the
2 document storage assembly includes:
3 (a) a document indexing engine linked with the request interface.
- 1 11. The network addressable device according to claim 10 wherein the
2 document indexing engine synchronizes a document.
- 1 12. The network addressable device according to claim 10 wherein the
2 document indexing engine generates a contents index based on the
3 document command.
- 1 13. The network addressable device according to claim 7 wherein the
2 document storage assembly includes a document repository linked with
3 the document provider.
- 1 14. The network addressable device according to claim 13 wherein the
2 document repository stores a document.
- 1 15. The network addressable device according to claim 13 wherein the
2 document repository sends a document to the document provider.

- 1 16. Computer code on computer readable media for facilitating remote
2 access and printing of documents on a printer object included in a
3 communications network, the computer code product comprising:
4 (a) a document storage assembly computer code for archiving a
5 document; and
6 (b) a universal remote interface assembly computer code for
7 remotely accessing and printing the document on the printer
8 object.
- 1 17. The computer code according to claim 16 wherein the universal remote
2 interface assembly computer code product includes a request interface
3 code product for receiving a document command according to Simple
4 Mail Transfer Protocol.
- 1 18. In an communications network, a method for remotely accessing and
2 printing of documents on a printer object, comprising the steps of:
3 (a) linking a universal remote interface assembly with a document
4 storage assembly;
5 (b) remotely accessing the universal remote interface assembly via
6 a document command; and
7 (c) remotely transmitting a document from the universal remote
8 interface assembly to a printer object based on the document
9 command.
- 1 19. The method according to claim 18 wherein the step of remotely
2 accessing the universal remote interface assembly includes the step of
3 receiving the document command according to Simple Mail Transfer
4 Protocol.

1 20. The method according to claim 19 wherein the step of remotely
2 transmitting a document from the universal remote interface assembly
3 includes the step of transmitting the document from the network
4 addressable device to the printer object in a network addressable
5 protocol.